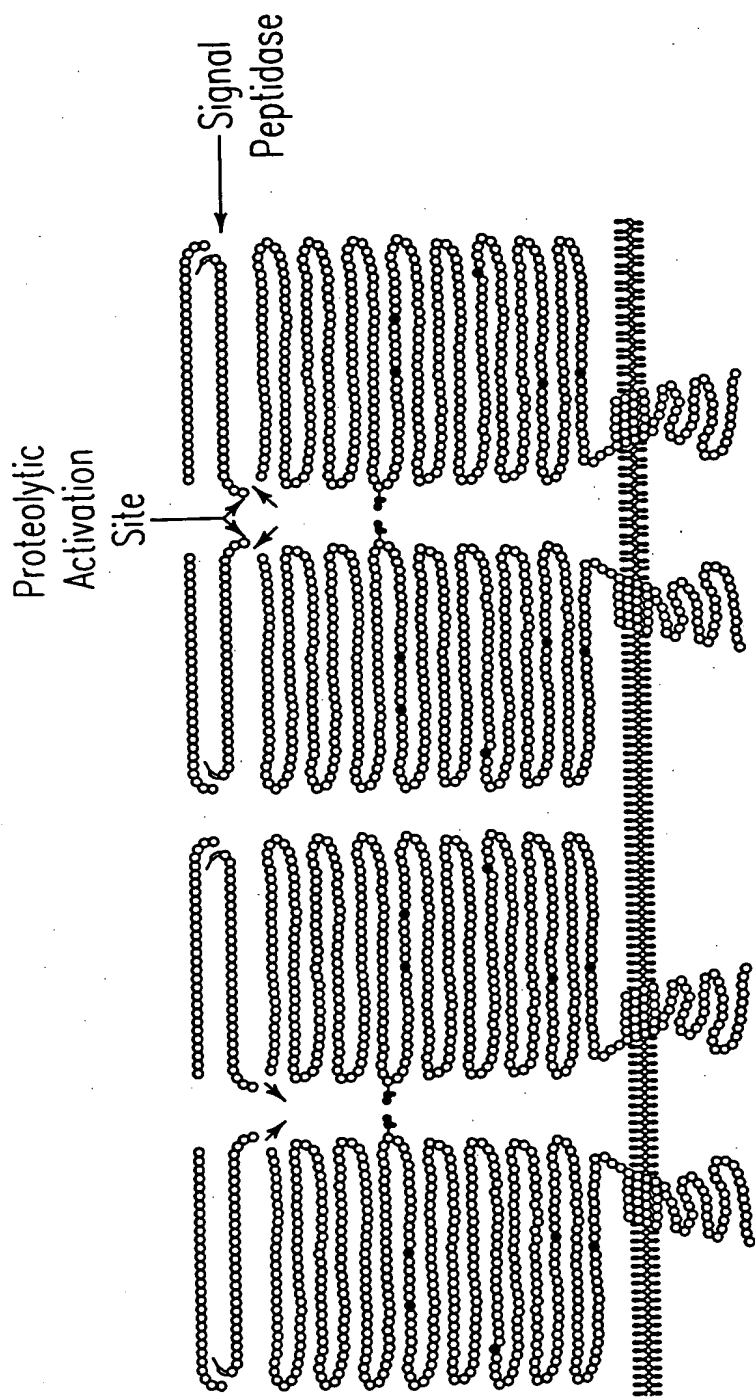


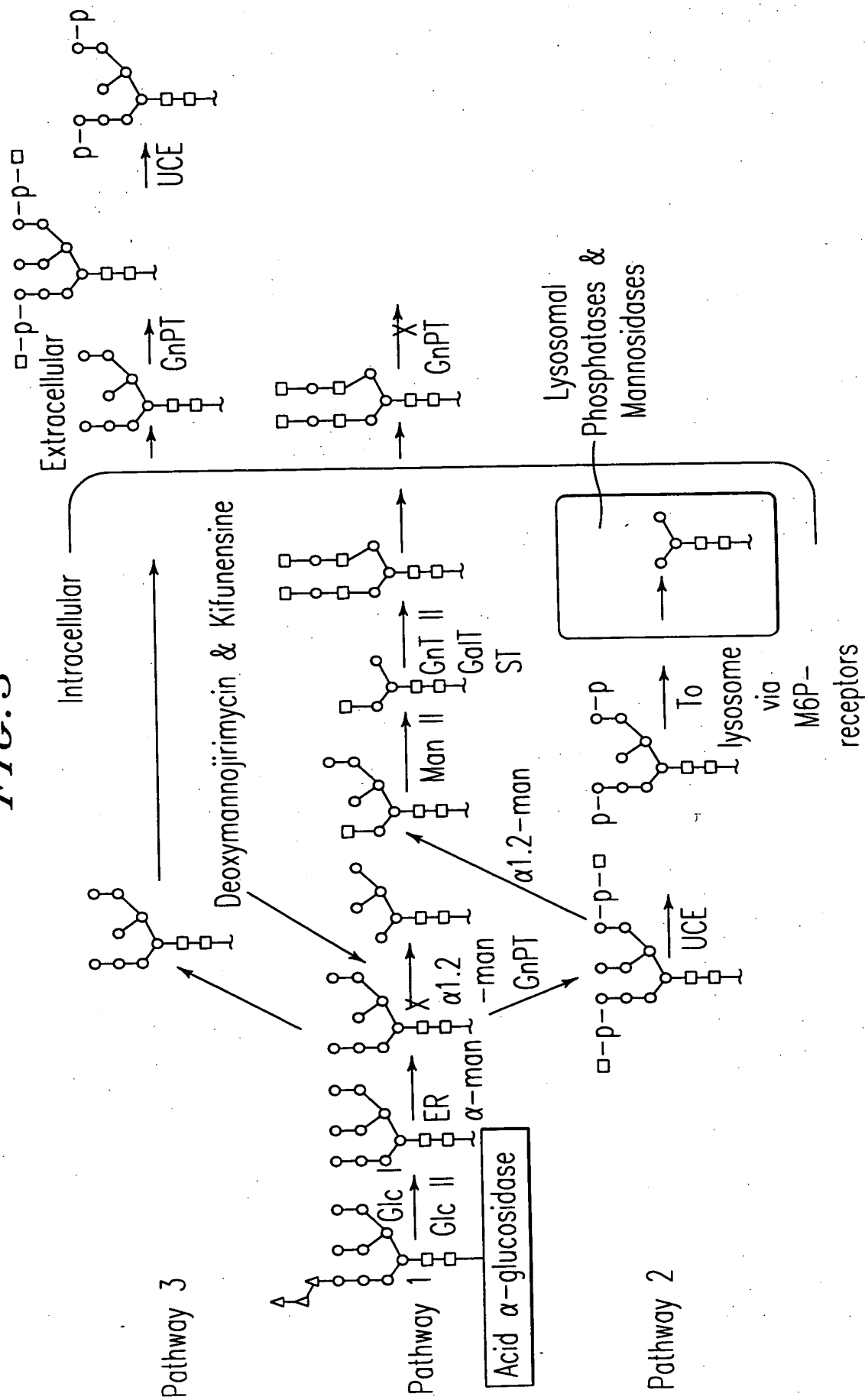
The diagram illustrates the structure of the 70S ribosome, composed of a 30S subunit and a 50S subunit. The 30S subunit contains the 16S ribosomal RNA molecule, while the 50S subunit contains the 23S and 23S ribosomal RNA molecules. The diagram is labeled with 'Substrate Recognition Domains' and 'Catalytic Domains'. The 16S molecule is shown with its characteristic L-shape, and the 23S and 23S molecules are shown with their complex, multi-domain structures. Arrows indicate the orientation of the subunits and the RNA molecules.

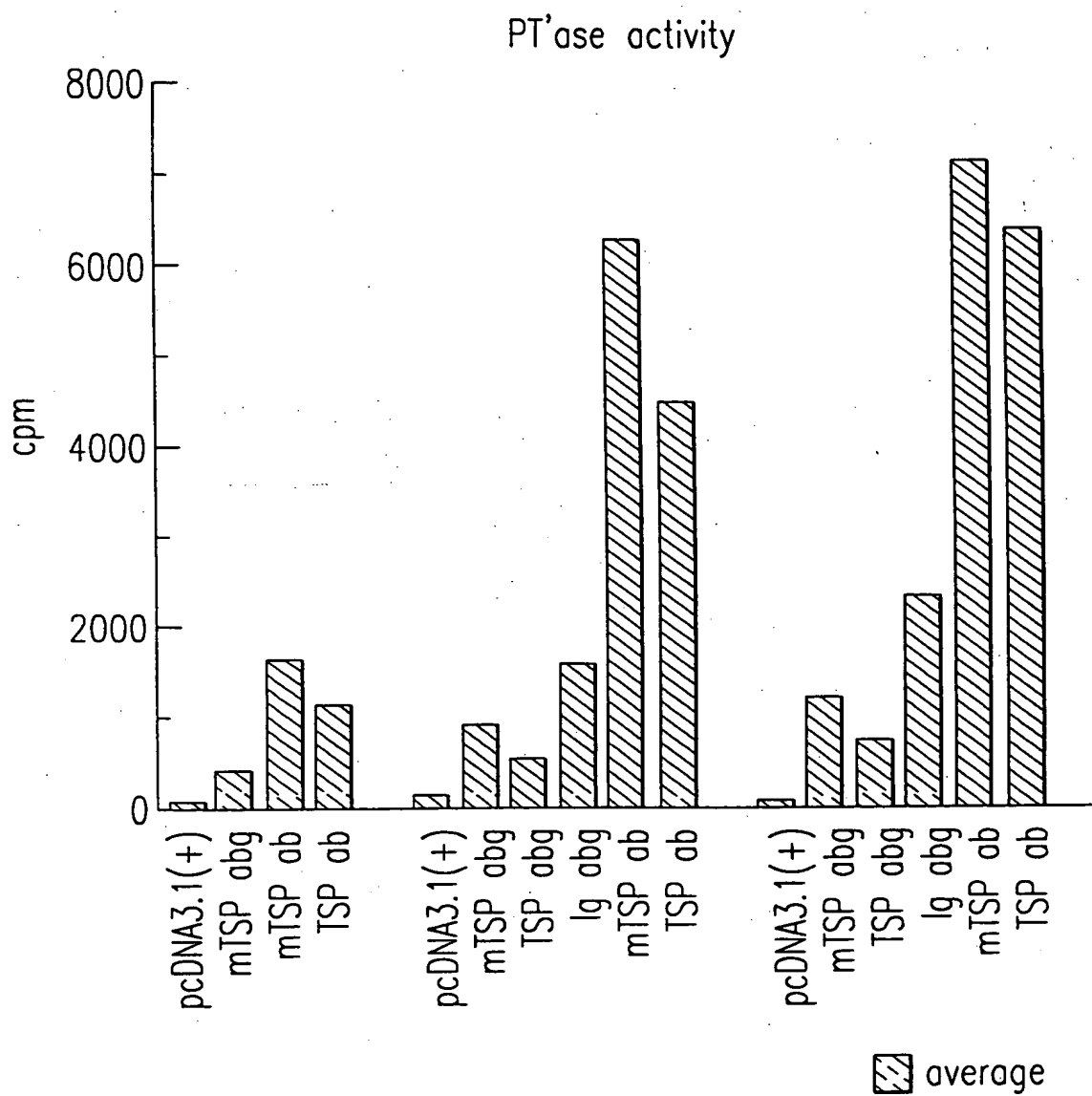
$\beta$ -subunit



*FIG. 2*

FIG. 3





**FIG. 4**